

ABSTRACT OF THE DISCLOSURE

A radio-controlled electrically-powered model flying wing aircraft having a pusher propeller at the rear wing root powered by an electric motor mounted in a streamlined electric motor housing that extends into the wing and blends smoothly into the wing surface at the center wing chord. The motor housing, motor and propeller extend beyond the wing trailing edges to ensure efficient propeller operation and to reduce propeller-induced noise. A battery is secured in a resilient pouch and protected completely inside the wing root, serviceable from the bottom wing surface by removing a quick release flap. Major structural elements are composed of impact resistant, flexible, and resilient materials.

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